



|                     |   |
|---------------------|---|
| TITLE OF INVENTION  | TIE BLOCK RETAINER AND TIE BLOCK SLEEVE FOR |
| INVENTOR'S NAME     | RAIL VAILIES WITH INSERTED STICKS           |
| INVENTOR'S ADDRESS  | RAIL VAILIES WITH INSERTED STICKS           |
| INVENTOR'S TEL. NO. | 200 322 5533                                |
| INVENTOR'S FAX NO.  | 200 322 5533                                |
| APPLICATION NO.     | 602 632 35                                  |

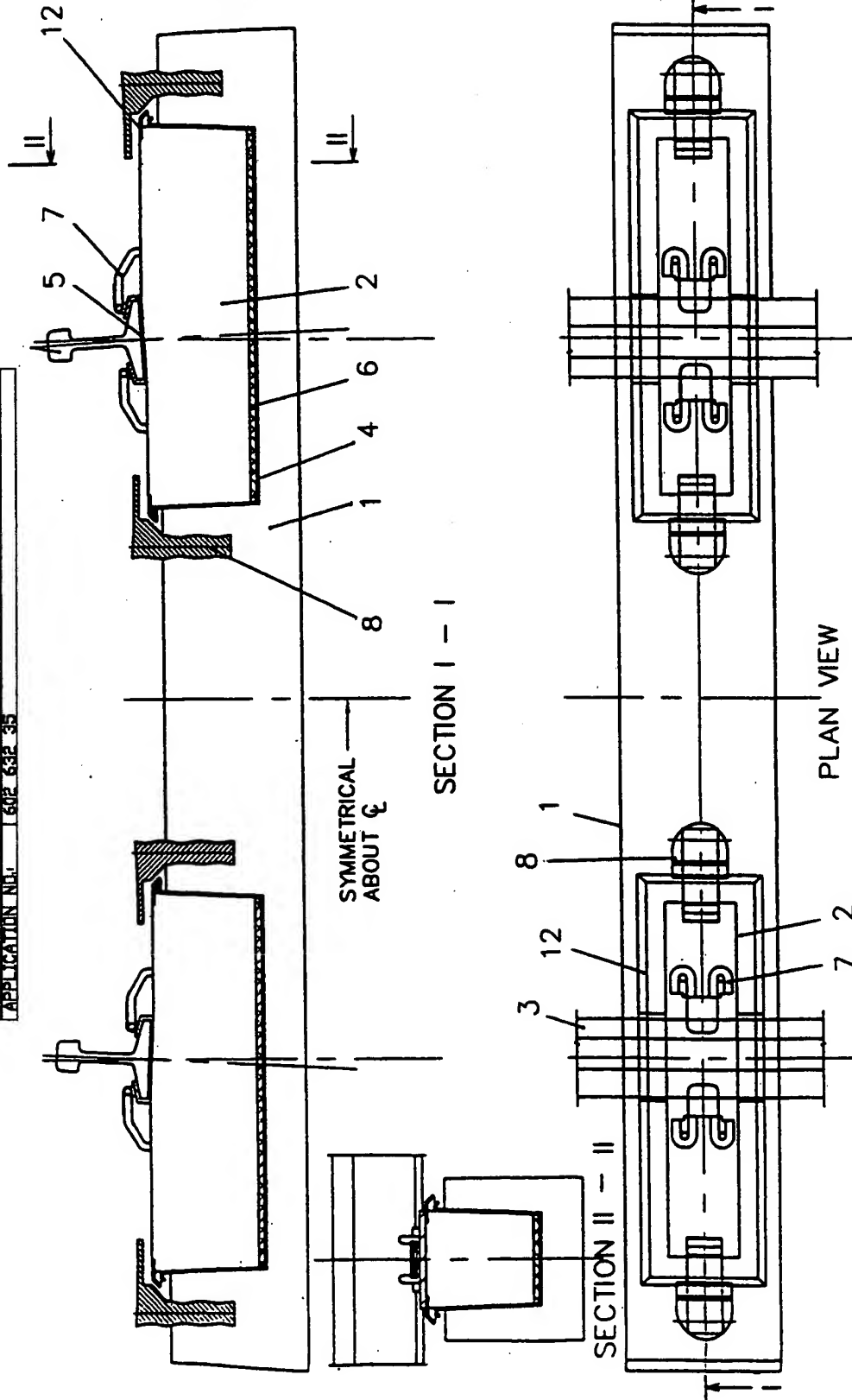


Fig. 1

|                     |  |
|---------------------|--|
| TITLE OF INVENTION  | 115 BLOCK BEYONER AND THE BLOCK SLEEVE FOR |
| INVENTOR'S NAME     | RAUL VAY TIECHIA, P.E.                     |
| INVENTOR'S TEL. NO. | (303) 322-5233                             |
| APPLICATION NO.     | 602,632-35                                 |

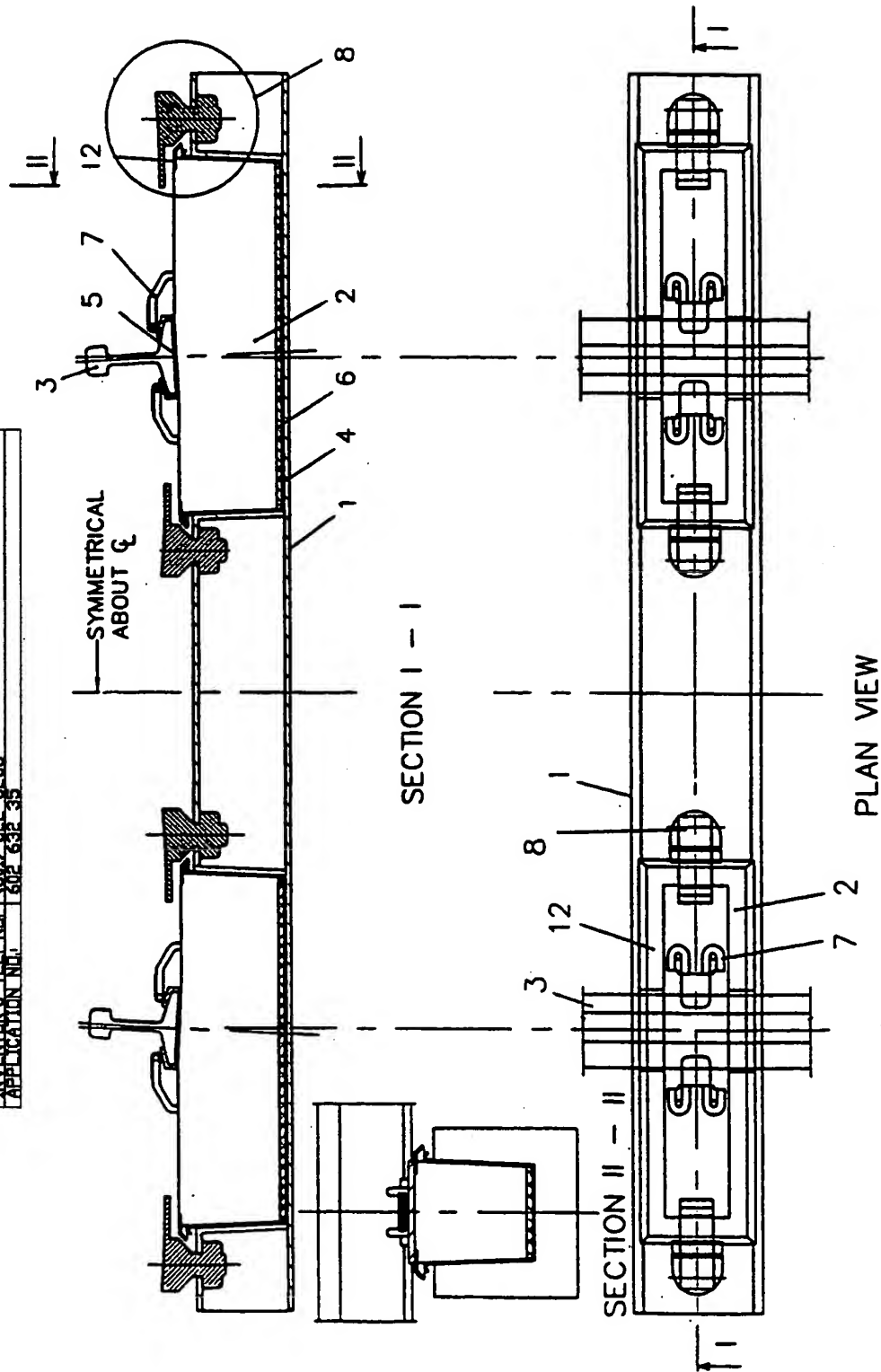
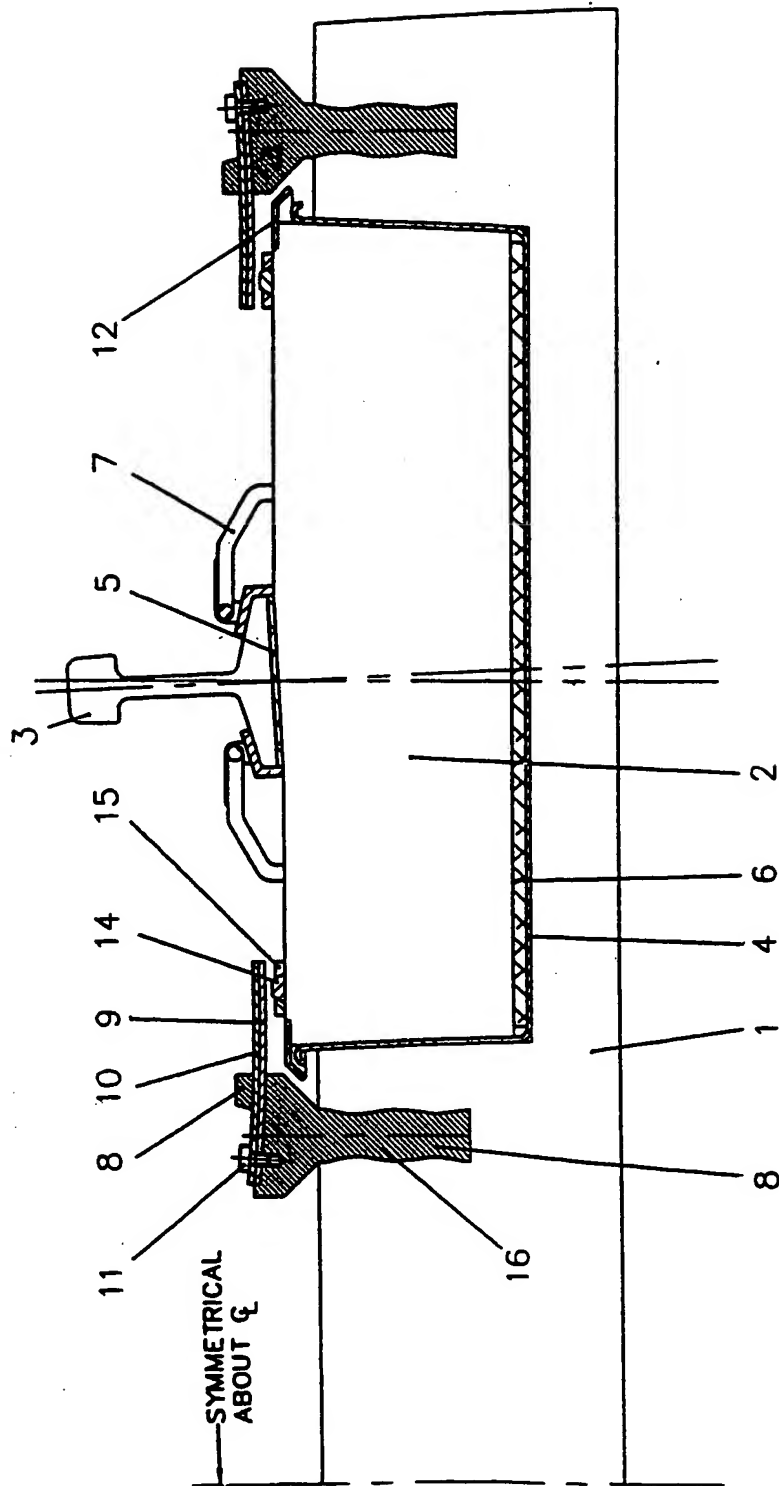


Fig. 2

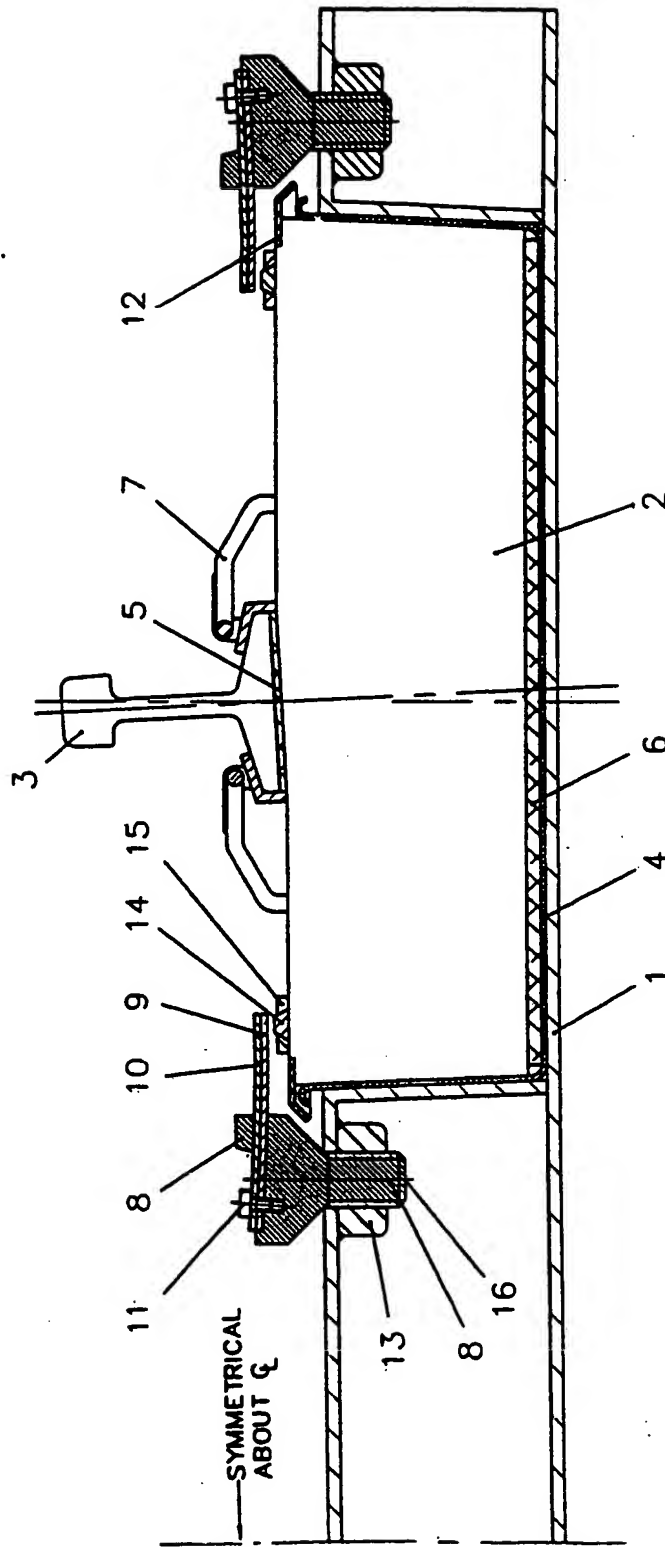
|  |                   |
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| TITLE OF INVENTION TIE BLOCK RETAINER AND TIE BLOCK SLEEVE FOR |                   |
| RAILWAY TIES WITH INSERTED BLOCKS                              |                   |
| INVENTOR'S NAME  | JAN H. ZICH, P.E. |
| INVENTOR'S TEL. NO.  | (301) 322-5233    |
| APPLICATION NO.  | 602,632-35        |



DETAIL OF SECTION I - I SHOWING BLOCK RETAINER OF F i g. 1

F i g. 3

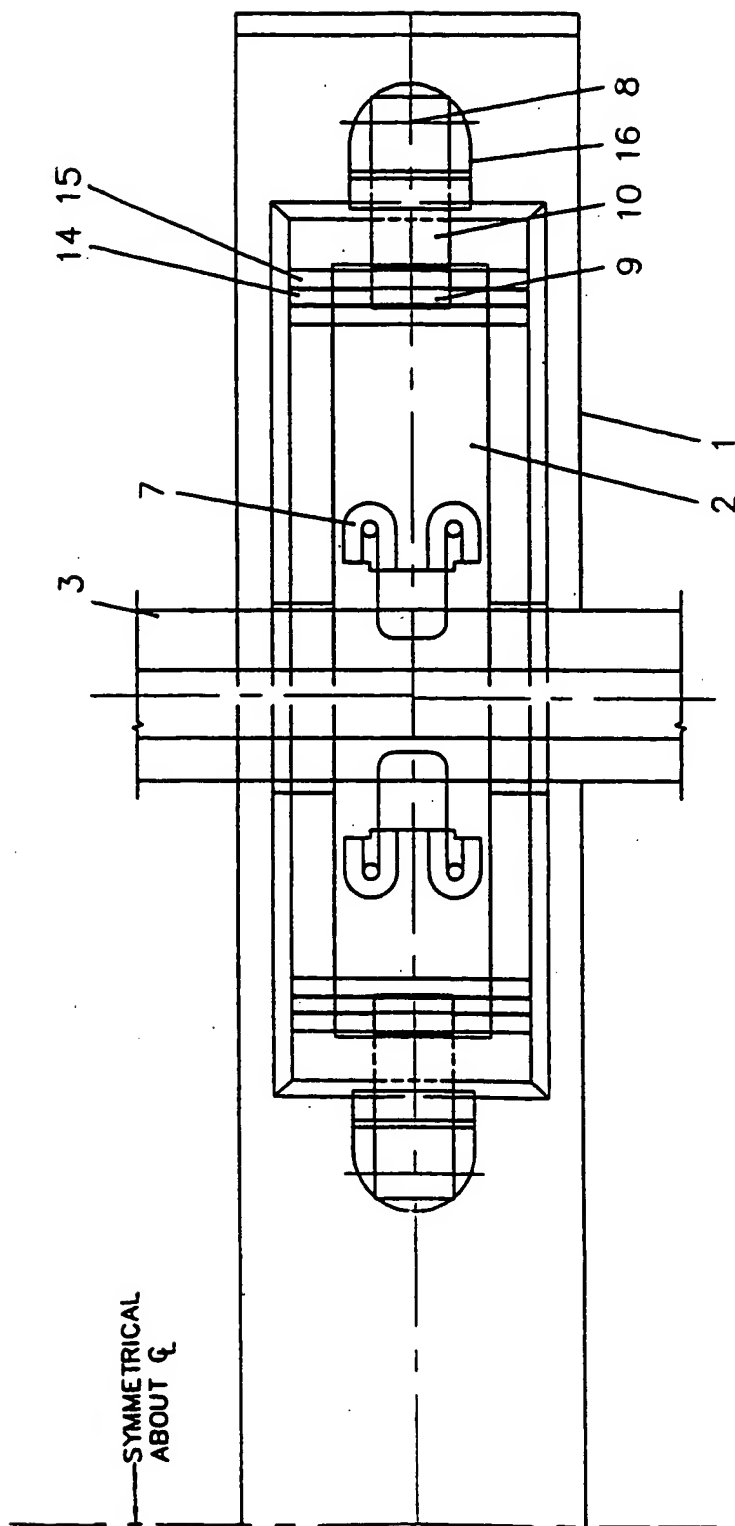
|                     |   |
|---------------------|---|
| TITLE OF INVENTION  | TIE BLOCK RETAINER AND TIE BLOCK SLEEVE FOR RAILWAY TIES WITH INSERTED BLOCKS |
| INVENTOR'S NAME     | JAN H. ZICH, P.E.   |
| INVENTOR'S TEL. NO. | 300 322 5233  |
| APPLICATION NO.     | 602 632 35  |



DETAIL OF SECTION I - I SHOWING BLOCK RETAINER OF F i g. 2

F i g. 4

|                     |   |
|---------------------|---|
| TITLE OF INVENTION  | THE BLOCK RETAINER AND THE BLOCK SLEEVE FOR |
| INVENTOR'S NAME     | RAILWAY TIES WITH INSERTED BLOCKS           |
| INVENTOR'S TEL. NO. | JAN H. ZICH, P.E.                           |
| APPLICATION NO.     | (30) 322 5233                               |
|                     | 602 632 35                                  |



PLAN VIEW RELEVANT TO BLOCK RETAINERS OF Fig. 1 AND Fig. 2

Fig. 5